



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Takeshi SHIRAI et al.

Application No.: 10/569,207

Filed: February 23, 2006

Docket No.: 127104

For: OPTICAL ELEMENT AND EXPOSURE APPARATUS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

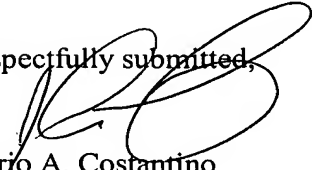
Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- ☒ 3. An English language Abstract of one or more non-English language reference is attached hereto. See References 11-15; 18-24; and 26.
- ☒ 4. A computer-generated English language translation of one or more Japanese Patent Publication cited herein has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See References 13-15 and 22-24.

- ☒ 5. An English language translation of one or more non-English language reference is attached hereto. See References 16-17.

Respectfully submitted,

  
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Registration No. 33,565

  
John W. Fitzpatrick  
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MAC:JWF/mps  
Date: March 22, 2006

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Sheet 1 of 2

|   |             |  |            |                                     |                             |                                |  |
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| Form PTO-1449<br>(REV. 1/06)  |             | US Dept. of Commerce<br>PATENT & TRADEMARK OFFICE      |            | ATTY DOCKET NO.<br>127104           |                             | APPLICATION NO.<br>10/569,207  |  |
| INFORMATION DISCLOSURE STATEMENT<br><br>(Use several sheets if necessary)   |             |  |            | APPLICANTS<br>Takeshi SHIRAI et al. |                             |                                |  |
|   |             |  |            | FILING DATE<br>February 23, 2006    |                             | GROUP                          |  |
| U.S. PATENT DOCUMENTS   |             |  |            |                                     |                             |                                |  |
| Examiner<br>Initials  | Cite<br>No. | Document Number  | Date       | Name                                |                             |                                |  |
|   | 1           | US 5,825,043   | 10/20/1998 | SUWA                                |                             |                                |  |
|   | 2           | US 4,346,164   | 8/24/1982  | TABARELLI et al.                    |                             |                                |  |
|   | 3           | US 4,480,910   | 11/6/1984  | TAKANASHI et al.                    |                             |                                |  |
|   | 4           | US 5,610,683   | 3/11/1997  | TAKAHASHI                           |                             |                                |  |
|   | 5           | US 5,715,039   | 2/3/1998   | FUKUDA et al.                       |                             |                                |  |
|   | 6           | US 2004/0165159 A1                                     | 8/26/2004  | LOF et al.                          |                             |                                |  |
|   | 7           | US 2005/0225737 A1                                     | 10/13/2005 | WEISSENRIEDER et al.                |                             |                                |  |
|   | 8           | US 2004/0119954 A1                                     | 6/24/2004  | KAWASHIMA et al.                    |                             |                                |  |
|   | 9           | US 2005/0225738 A1                                     | 10/13/2005 | SHIRAI                              |                             |                                |  |
|   | 10          | US 2005/0100745 A1                                     | 5/12/2005  | LIN et al.                          |                             |                                |  |
| FOREIGN PATENT DOCUMENTS  |             |  |            |                                     |                             |                                |  |
| Examiner<br>Initials  | Cite<br>No. | Document Number  | Date       | Country                             | With<br>English<br>Abstract | With<br>English<br>Translation |  |
|   | 11          | JP A 04-305915   | 10/28/1992 | JAPAN                               | X                           |                                |  |
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|   | 13          | JP A 10-340846   | 12/22/1998 | JAPAN                               | X                           | X                              |  |
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|   | 15          | JP A 2000-058436                                       | 2/25/2000  | JAPAN                               | X                           | X                              |  |
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|   | 18          | JP A 63-157419   | 6/30/1988  | JAPAN                               | X                           |                                |  |
| OTHER DOCUMENTS   |             |  |            |                                     |                             |                                |  |
| Examiner<br>Initials  | Cite<br>No. | (Including Author, Title, Date, Pertinent Pages, etc.) |            |                                     |                             |                                |  |
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| EXAMINER  |             |  |            |                                     | DATE CONSIDERED             |                                |  |
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| FOREIGN PATENT DOCUMENTS  |             |  |            |   |                             |                                |  |
| Examiner<br>Initials  | Cite<br>No. | Document Number  | Date       | Country   | With<br>English<br>Abstract | With<br>English<br>Translation |  |
|   | 19          | JP A 58-202448   | 11/25/1983 | JAPAN   | X                           |                                |  |
|   | 20          | JP A 59-19912  | 2/1/1984   | JAPAN   | X                           |                                |  |
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|   | 22          | JP A 05-62877  | 3/12/1993  | JAPAN   | X                           | X                              |  |
|   | 23          | JP A 07-220990   | 8/18/1995  | JAPAN   | X                           | X                              |  |
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|   | 25          | EP 1 510 871 A2  | 3/2/2005   | EUROPE  |                             |                                |  |
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|   |             |  |            |   |                             |                                |  |
| OTHER DOCUMENTS   |             |  |            |   |                             |                                |  |
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